YAMAHA

YSP-3050

Digital Sound Projector

$1,399.95

This compact Digital Sound Projector™ provides 1080p-compatible HDMI, analog video to HDMI digital video upconversion, analog video upscaling to HD quality, iPod compatibility, XM HD surround compatibility, built-in FM tuner and a wide variety of beam settings including My Surround for true multi-channel surround sound enjoyment from a single component.

Technology QuickView

This product includes these technologies

XMHD · Made for iPod · XM READY · neural SURROUND · HDMI · DOLBY DIGITAL PROLOGIC II · dts Digital Surround | Neo:6 · SRS TruBass · IntelliBeam · CINEMA DSP DIGITAL · compressed music ENHANCER

XMHD SURROUND•SOUND

XM HD Surround Sound

XM and Neural Audio Corporation announce XM HD Surround, which provides content with six discrete channels of digital full fidelity audio powered by Neural Audio technology. Marking the first time that a radio company has broadcast in 5.1 Surround Sound twenty-four hours a day. Beginning in April 2006, XM will broadcast the Fine Tuning® (XM Channel 76) and the classical pops music channel XM Pops (XM Channel 113) in XM HD Surround. XM will also broadcast a variety of special shows and live music performances at the XM studios in XM HD Surround.

Made for iPod (Docking Station)

The Made for iPod logo indicates that the product is equipped to use an optional Yamaha Universal iPod Dock that lets you connect your iPod to this product. With the optional dock you can listen to your music and operate the iPod via the product's remote control while at the same time charging the battery on your iPod. Depending on your product's specifications, some will allow you to use the On-Screen Display feature on your video monitor to navigate your music. Some products can even allow you to view your photos and movies from your iPod on your video monitor (view the Specifications of each product for iPod playback compatibility)...

XM READY

XM - XM Ready

A product with this feature indicates that the item is XM SATELLiTE

XM Mini-Tuner Home Kit Bundle

RADiO (XM Ready), allowing you to hear over 150 digital channels of
music, news, sports, talk and entertainment from America's number one Satellite Radio service. With the addition of the optional digital antenna XM Mini-Tuner Home Dock and the XM Mini-Tuner accessories sold separately, just subscribe to XM SATELLiTE RADiO and hear radio as it was meant to be!

Neural Surround
Neural Surround™, a proprietary audio format that embeds the rich envelopment and discrete image detail of surround sound and is 100% compatible with stereo content. Chosen by XM Satellite Radio as the format for their 24/7 XM HD Surround programming

HDMI
High Definition Multimedia Interface (HDMI) is the first and only digital interface to combine uncompressed high-definition video, multi-channel audio and intelligent format and command data in a single digital interface. HDMI switching, providing the most advanced method of delivering high quality video signals to a home theater system to enable the reproduction of DVD and satellite TV sources with HD quality. HDMI can also send the digital audio signals from sources such as DVD Audio, CD, Dolby Digital and DTS to provide simple components connections.

Dolby Pro Logic II
Improved version of Dolby Pro-Logic for music and movies. With a more intelligent matrix decoder, it is suitable for both stereo and surround-encoded sources. It offers “bass management” as well as the option of incorporating “width,” “dimension” and “panorama” controls.

DTS Digital Surround (New)
The basic DTS 5.1 channel sound format. Uses a higher data rate than Dolby Digital.

SRS TruBass
TruBass: uses harmonics to make the bass from small speakers deeper and richer for a more dynamic bass sound.

IntelliBeam
Each sound beam is precisely directed. Total sound beam effect is optimized. Frequency response and other parameters are optimized for the room.

CINEMA DSP Digital
Conventional multichannel audio reproduction systems base their sound on Dolby Digital and DTS decoding, using matrix and steering technologies to create surround sound effects. Yamaha CINEMA DSP is much more advanced,

actually creating richly realized independent sound fields that envelop you in an unmatched surround sound experience. With dialogue, music and effects from ideally located in these separate sound fields, you will hear sound with accurate placement, smooth movement, exceptional clarity and richness, and startlingly realistic presence. It will seem as if the walls of your room have disappeared and you are in the middle of your own immense theater! The decoding circuitry performs Dolby Pro Logic IIx, Dolby Digital, Dolby Digital EX, DTS Digital Surround, DTS-ES (DTS-ES Matrix 6.1 and DTS-ES Discrete 6.1), DTS Neo:6 and DTS 96/24 decoding with extreme accuracy, as well as all digital sound field processing.

Compressed Music Enhancer
Yamaha employs sophisticated digital signal processing with exclusive algorithms to enable playback that improves the performance of compressed music formats, including MP3 and WMA. With the Compressed Music Enhancer, highs and especially lows are richer and smoother, bringing music back to life to be as close to the original as possible.

TRUE MULTI-CHANNEL SURROUND SOUND

This compact Digital Sound Projector™ provides 1080p-compatible HDMI, analog video to HDMI digital video upconversion, analog video upscaling to 1080i/720p, iPod compatibility, XM HD surround compatibility, built-in FM tuner and a wide variety of beam settings including My Surround for true multi-channel surround sound enjoyment from a single component.

YSP CONCEPT CLICK HERE

MAIN FEATURES

True surround sound

- Sensational multi-channel sound from DVDs, digital broadcasting, satellite broadcasting and other digital sources
- Digital amplifier built-in (82W total power: 2W x 21 + 20W x 2)
- Large range of optimum listening positions thanks to a wider soundstage
- 3 CINEMA DSP programs: Movie, Music and Sports
- Compressed Music Enhancer

Elegant, space-saving design

- No need for numerous speakers and cables
- Can be wall mounted or placed on a shelf or rack
- Design is more elegant, less obtrusive than multiple speaker boxes

Advanced features

- Analog video to HDMI digital video up-conversion
- High-Definition Video Upscaling to 1080i/720p
- IntelliBeam automated system calibration with Direct Start
- HDMI interface (1080p/24Hz and 60Hz compatible)
- XM ready with XM HD Surround powered by Neural Surround
- iPod compatibility via optional Yamaha YDS-11
- Front panel mini jack for connecting portable audio player
- New modes: My Surround and 5ch Stereo
- Five other modes: 5 Beam, 3 Beam, 3 Beam + Stereo, 2ch Stereo and My Beam
- Built-in FM tuner

Other Notable Features

- Three CINEMA DSP programs: Movie, Music and Sports
- Compressed Music Enhancer
- TruBass uses harmonics to make the bass from small speakers deeper and richer
- Night Listening mode and TV Equal Volume
- Turn On Volume: Volume comes on at a preset level when power is turned on
- Can be wall mounted or placed on a shelf or rack
- iPod song titles displayed in English and Western European languages ISO 8859-1 (Latin1) on the front panel and on-screen display

- Multi-language on-screen display: English, French, German, Spanish, Russian, Italian and Dutch
- Three System Memories
- Built-in FM tuner
- XM Satellite Radio ready with XM HD Surround powered by Neural Surround
- Parameter settings can be made manually
- Dolby Digital, DTS, Dolby Pro Logic II and DTS Neo:6 compatibility
- Maximum Volume: for avoiding sudden loud sounds
- Memory Save Lock
- Preset remote unit
- Front panel lock and extend IR code

Wide Variety of Beam Settings

The My Surround mode provides surround sound without reflecting the beams off the walls. It is handy for rooms where for some reason the walls can not be used well and delivers a good surround effect when listeners are close to the unit. My Surround uses a combination of DiMagic and Yamaha technology. The My Beam setting focuses the sound at a specific listening position, so even in noisy surroundings you can hear dialogue and other sounds clearly. There are also five other selectable beam settings: 5 Beam, 3 Beam, 3 Beam + Stereo, and 2ch Stereo and 5ch Stereo that outputs stereo sources from all of the 5-channel beams, providing a more expansive sound field.

IntelliBeam™ Automated Calibration System

This Yamaha exclusive feature ensures optimum multi-channel sound reproduction with accurate image location. By monitoring and analyzing the sound with the microphone included with the YSP-3050, IntelliBeam automatically sets the best beam angles, while optimizing the level and frequency response of each beam. It also offers Direct Start function via remote unit. This makes initial setup both extremely simple while acoustically perfect.

Specifications

Category	Digital Sound Projector
Woofers	3 15/16" x 2
Beam Drivers	1 5/8" x 21
Magnetic Shielding	•
RMS Output Power (1kHz)	2W x 21 + 20W x 2
Total Power	82W
Digital Amplifier	•
Highly Efficient Power Supply	•
IntelliBeam (With Optimizer Microphone)	• (3rd Generation)
On-Screen Display	•
Set-up Menu	• (Easy, Manual)
5Beam Mode	•
3Beam Mode	•
Stereo + 3Beam Mode	•
Stereo Mode	•
5Channel Stereo Mode	•
My Beam Mode	•
Target Mode	•
My Surround Mode	•
Dolby Digital	•
Dolby Pro Logic II	•
DTS	•
DTS Neo:6	•
Surround Programs	3
XM Satellite Radio Ready	•
Neural Surround	•
FM Tuner	•
iPod Compatibility	• (With optional YDS-11 iPod dock)
Compressed Music Enhancer	•
SRS TruBass	•
Night Listening Mode	•
TV Equal Volume Mode	•
Memory Settings	• (3)
Room Equalizer	•
Parameter Settings	•
Horizontal Angle Adjustment	•
Vertical Angle Adjustment	
HDMI (In/Out)	• (2 / 1)
HDMI 1080p Switching	• (24Hz, 60Hz Refresh Rate)
Analog video to HDMI Upconversion	•
HDMI Upscaling	• (up to 1080i)
Audio Inputs	• (2)
Digital Optical Inputs	• (2)
Digital Coaxial Inputs	• (2)
Component Video (In/Out)	• (In)
Composite Video (In/Out)	• (1 / 1)
Front Panel Mini Jack	•
Subwoofer Output	•
RS-232C Interface	
IR Pass Through	
Detachable Power Cord	
Preset Remote Control	•
Product Dimensions (W X H X D)	31 1/2" x 6 3/32" x 5 31/32"
Product Weight (lbs.)	25.4
Shipping Dimensions (W X H X D)	38" x 11" x 10"
Shipping Weight (lbs.)	31
Accessories (Optional)	SPM-K30 (Wall mount bracket)